

Appl. No. 09/926,436
Amdt. dated May 4, 2005
Reply to Office Action of Feb. 4, 2005

I. Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) A secure network resource access system for facilitating network access by network terminals to a network resources resource located behind an enterprise a firewall, the secure network resource access system comprising:

a proxy server located logically outside the enterprise firewall for receiving application data from the network terminals a data source located outside the firewall, the proxy server having a queue for storing the received data; and

a polling server located logically behind the enterprise firewall, the polling server being configured for polling the proxy server to initiate transmission of the received application data pull the received data across the firewall from the queue of the proxy server to the polling server.

2. (currently amended) The secure network resource access system according to claim 1, wherein each said the network resource includes an alias name, and the application received data includes the alias name of one of the network resources resource, and the polling server is configured to direct the application received data to the one network resource in accordance with the alias name.

3. (currently amended) A method for facilitating secure network access by network terminals to a network resources resource located behind an enterprise a firewall, the method comprising the steps of:

storing received data in a queue of a proxy server. the received data from a data source

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located outside the firewall; and

polling [a] the proxy server located logically outside the enterprise firewall by a polling server located logically inside the firewall, the polling being to pull across the firewall the received data from the queue of the proxy server to the polling server for requests for communication with the network resources;

~~receiving application data and associated network resource data from the proxy server in response to the polling step; and~~

~~directing the application data to one of the network resources in accordance with the associated network resource data.~~

4. (currently amended) The method according to claim 3, wherein ~~each said~~ the network resource includes an alias name, and the ~~network resource~~ received data includes the alias name of the ~~one~~ network resource.

5. (new) The method according to claim 4 further comprising the step of directing the received data to the network resource in accordance with the associated alias name.

6. (new) The system of claim 1 further comprising an enterprise server for obtaining the received data from the polling server and for distributing the received data to the network resource.

7. (new) The system of claim 2, wherein the alias name uniquely identifies a physical network location of the network resource and is associated with a physical property of the network resource.

8. (new) The system of claim 1, wherein the data source is a network terminal configured for communication with the network resource.

9. (new) The system of claim 8, wherein the network resource is selected from the group

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comprising: a printing device; a facsimile machine; an image server; a file server; an email pager; and an email enabled telephone.

10. (new) The system of claim 9, wherein the received data is selected from the group comprising: text; image; and multimedia data.

11. (new) The system of claim 10, wherein the received data is in a format suitable for processing by the network resource.

12. (new) The method of claim 3 further comprising the step of obtaining the received data from the polling server and then distributing the received data to the network resource.

13. (new) The method of claim 4, wherein the alias name uniquely identifies a physical network location of the network resource and is associated with a physical property of the network resource.

14. (new) The method of claim 3, wherein the data source is a network terminal configured for communication with the network resource.

15. (new) The method of claim 14, wherein the network resource is selected from the group comprising: a printing device; a facsimile machine; an image server; a file server; an email pager; and an email enabled telephone.

16. (new) The method of claim 15, wherein the received data is selected from the group comprising: text; image; and multimedia data.

17. (new) The method of claim 16, wherein the received data is in a format suitable for processing by the network resource.

18. (new) The system of claim 1, wherein the system facilitates access to a plurality of network resources.

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19. (new) The method of claim 3, wherein the method facilitates secure access to a plurality of network resources.